

# Sun City Computer Club

Windows SIG

July 28, 2020

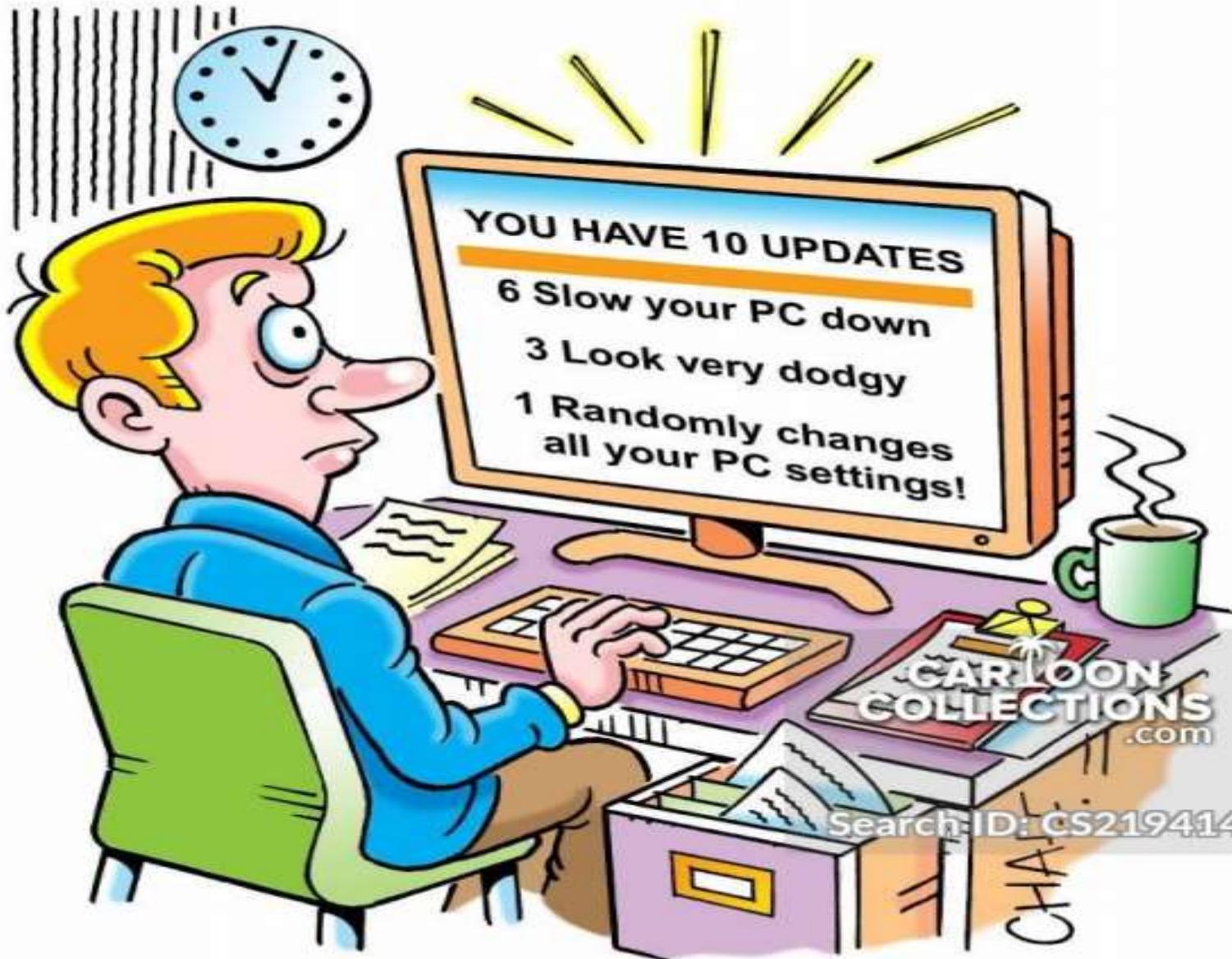
**Questions, Comments, Suggestions welcomed at  
any time**

**Even Now**

- [Audio Recording of this session](#)
- Use the link above to access MP4 audio recording
- Audio Recording in Progress
- SIG attendees are required to be members of the chartered club sponsoring that SIG.
- Sun City Community Association By-law

- Your input is desired, needed, requested,
- 2020 meeting schedule – Annex  
**SIG leader?**
  
- Windows SIG meeting/presentation frequency  
Once a month    Second Tuesday

**Windows SIG news**



- Slack EU suit Teams with Office 365
- Apple store vs. Microsoft store
- Microsoft store updates
- Updates & inventory
- My recent 2004 experience  
npcap driver
- A member's Enterprise license experience
- Folder vanish - rename
- Windows 10x

**Windows News**

- Recent Updates
  - Your Phone
  - Microsoft Photos
  - Cortana
  - Office
  - Microsoft store
  - Mail & calendar
  - Surface

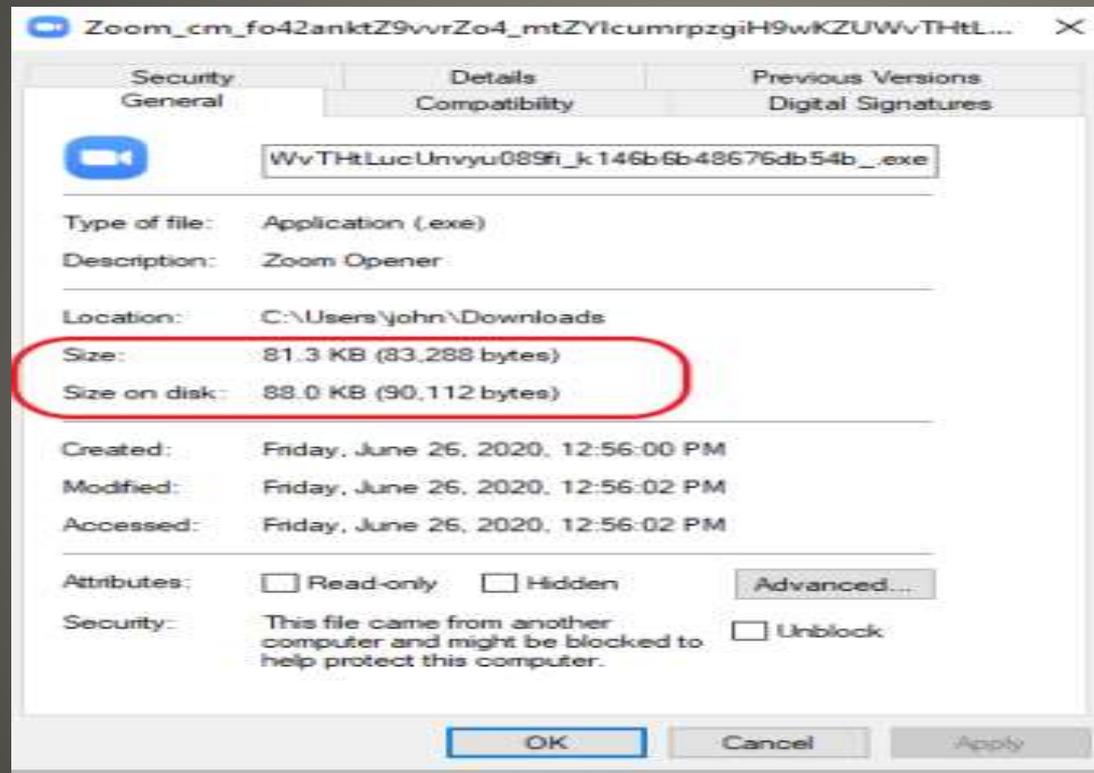
**Microsoft store**

- Perhaps 1 feature update per year?
- Container model
- Perhaps no 32bit support
- Shed legacy support
- Cloud PC Thin Clients ?

**Microsoft Windows 10X**

- Windows Home 1903, 1909, 2004
- More stable
- Windows Pro, Enterprise issues
  - Windows Defender Application Guard
  - Windows sandbox
- Windows 10 2004 seekers another phase
- Still no 2004 for Surface
- Securing Windows work in progress

- From July 14, 2020 Windows SIG



**Alternate Data Stream**

Administrator: Windows PowerShell

-a---- 6/26/2020 12:56 PM 83288 Zoom\_cm\_fo42anktZ9vvrZo4\_mtZYLcumrpzgiH9wKZUMvTHTLucUnvyu089fi\_k146b6b48676db54b\_.exe

PS C:\Users\john\Downloads> Get-Item -path .\Zoom\_cm\_fo42anktZ9vvrZo4\_mtZYLcumrpzgiH9wKZUMvTHTLucUnvyu089fi\_k146b6b48676db54b\_.exe -stream \*

PSPath : Microsoft.PowerShell.Core\FileSystem::C:\Users\john\Downloads\Zoom\_cm\_fo42anktZ9vvrZo4\_mtZYLcumrpzgiH9wKZUMvTHTLucUnvyu089fi\_k146b6b48676db54b\_.exe::\$DATA  
PSParentPath : Microsoft.PowerShell.Core\FileSystem::C:\Users\john\Downloads  
PSChildName : Zoom\_cm\_fo42anktZ9vvrZo4\_mtZYLcumrpzgiH9wKZUMvTHTLucUnvyu089fi\_k146b6b48676db54b\_.exe::\$DATA  
PSDrive : C  
PSProvider : Microsoft.PowerShell.Core\FileSystem  
PSIsContainer : False  
FileName : C:\Users\john\Downloads\Zoom\_cm\_fo42anktZ9vvrZo4\_mtZYLcumrpzgiH9wKZUMvTHTLucUnvyu089fi\_k146b6b48676db54b\_.exe  
Stream : \$DATA  
Length : 83288

PSPath : Microsoft.PowerShell.Core\FileSystem::C:\Users\john\Downloads\Zoom\_cm\_fo42anktZ9vvrZo4\_mtZYLcumrpzgiH9wKZUMvTHTLucUnvyu089fi\_k146b6b48676db54b\_.exe:SmartScreen  
PSParentPath : Microsoft.PowerShell.Core\FileSystem::C:\Users\john\Downloads  
PSChildName : Zoom\_cm\_fo42anktZ9vvrZo4\_mtZYLcumrpzgiH9wKZUMvTHTLucUnvyu089fi\_k146b6b48676db54b\_.exe:SmartScreen  
PSDrive : C  
PSProvider : Microsoft.PowerShell.Core\FileSystem  
PSIsContainer : False  
FileName : C:\Users\john\Downloads\Zoom\_cm\_fo42anktZ9vvrZo4\_mtZYLcumrpzgiH9wKZUMvTHTLucUnvyu089fi\_k146b6b48676db54b\_.exe  
Stream : SmartScreen  
Length : 7

PSPath : Microsoft.PowerShell.Core\FileSystem::C:\Users\john\Downloads\Zoom\_cm\_fo42anktZ9vvrZo4\_mtZYLcumrpzgiH9wKZUMvTHTLucUnvyu089fi\_k146b6b48676db54b\_.exe:Zone.Identifier  
PSParentPath : Microsoft.PowerShell.Core\FileSystem::C:\Users\john\Downloads  
PSChildName : Zoom\_cm\_fo42anktZ9vvrZo4\_mtZYLcumrpzgiH9wKZUMvTHTLucUnvyu089fi\_k146b6b48676db54b\_.exe:Zone.Identifier  
PSDrive : C  
PSProvider : Microsoft.PowerShell.Core\FileSystem  
PSIsContainer : False  
FileName : C:\Users\john\Downloads\Zoom\_cm\_fo42anktZ9vvrZo4\_mtZYLcumrpzgiH9wKZUMvTHTLucUnvyu089fi\_k146b6b48676db54b\_.exe  
Stream : Zone.Identifier  
Length : 851

PS C:\Users\john\Downloads> get-Content -path .\Zoom\_cm\_fo42anktZ9vvrZo4\_mtZYLcumrpzgiH9wKZUMvTHTLucUnvyu089fi\_k146b6b48676db54b\_.exe -stream SmartScreen

Anaheim

PS C:\Users\john\Downloads> get-Content -path .\Zoom\_cm\_fo42anktZ9vvrZo4\_mtZYLcumrpzgiH9wKZUMvTHTLucUnvyu089fi\_k146b6b48676db54b\_.exe -stream Zone.Identifier

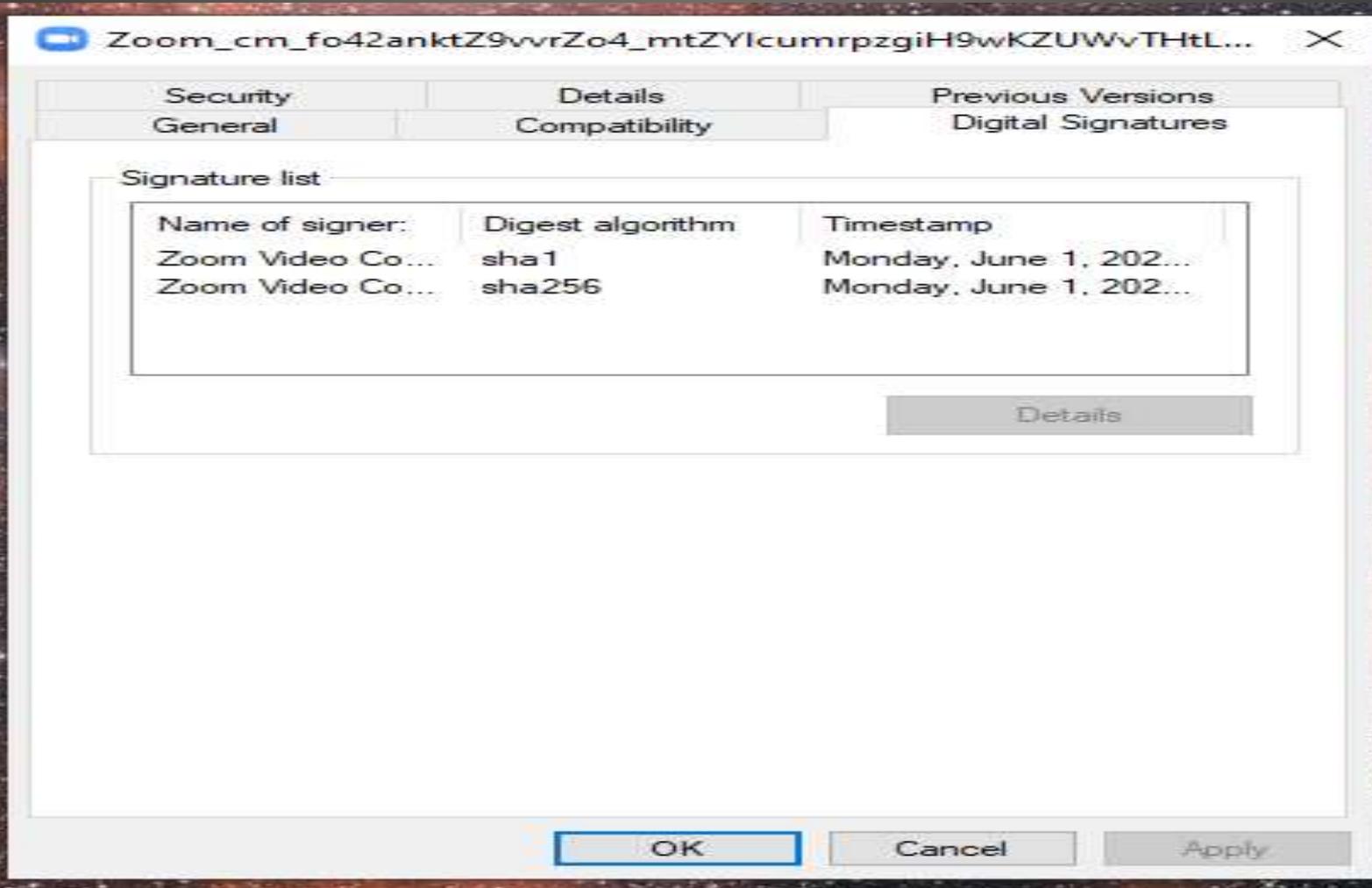
[ZoneTransfer]

ZoneId=3

ReferrerUrl=https://us02web.zoom.us/j/82850393858?tk=1aCmq9CwVTjH0Eu7L019c7WX2\_7sgdOk1CCo411K15k.DQIAAAAT5kSvAhY1S2ROMG1zV1EYkxQd1ZRD1JRHBRAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA&pwd=c28GvK1XS3RwU3JqZ3NjUEYuRnplQT09

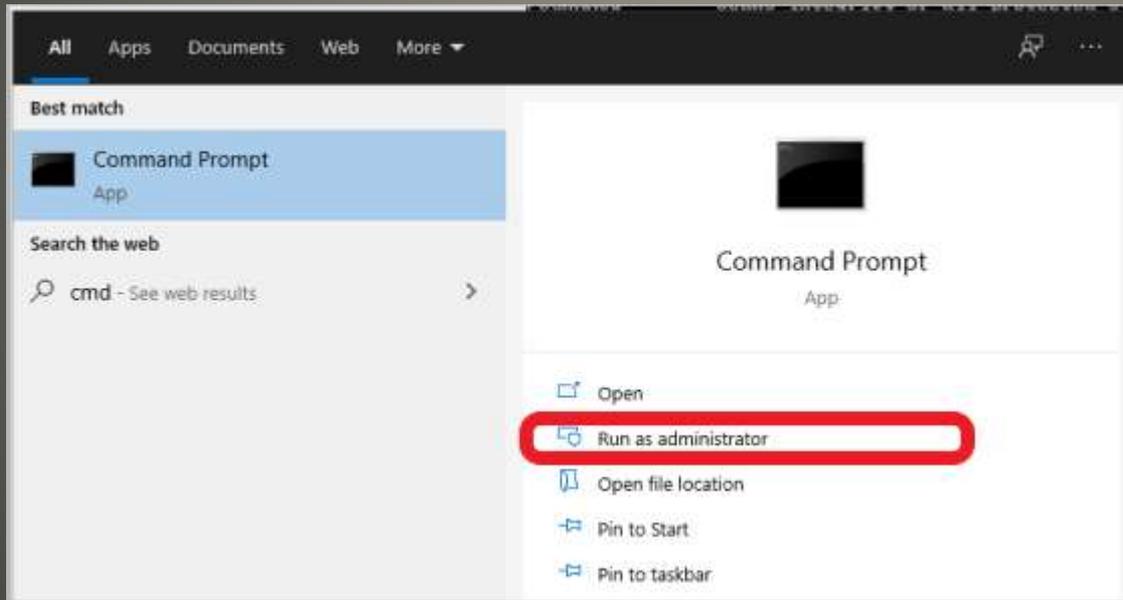
HostUrl=https://us02web.zoom.us/j/launch/download/HV6p0Vc3s8EVX5eVs175U0gzGYP#07yw8VEpapT1riHaVh4NC\_QBftHP4ZuFdyvJ-RoL\_a9K0GTzmitLqrX78q7MPfg3UjM4quzhytVnU3k1-Eh5sTzcS6Y3kec1vsA-Q0Bse3ed-FYPmTRoIobfI0H88nai5hY6D0CAzlyMCljTQk094FxmUtyTcskx0A3-1\_MLcFj7P1eCz61268nbSpIidjMkxSp96qm58EX84x75iXPRD201MzC7cokXtyPc6Sall24DoltoGwEajlyWZA0HgjoceuzgT0mI0wE9GLXe7A\_7t1NcaW0Ag0S2y6yQ9c0TKtp-RVAgEm4\_ub8FN3Tul65htMF5wMx06s7Z24t8Vg185D78QLrFkvz-g51gczzt1kmttrzkjdyGen6QoIIw2swsCAXLwAQ6EgTvtjt7H1KxZb1Xharbygm5Kw3a4FNLqt3FMLP5CwY9JGvM79eD1VoZ3wZntT845a1PGSeKkRQ==/meeting/tZYLcumrpzgiH9wKZUMvTHTLucUnvyu089fi/Zoom\_launcher.exe

PS C:\Users\john\Downloads>



# Check Digital Signature

- Scan, verify, fix operating system files
- Command line utility
- Start > Search > cmd



# System File Check

Administrator: Command Prompt

```
C:\WINDOWS\system32>sfc \?
```

```
Microsoft (R) Windows (R) Resource Checker Version 6.0  
Copyright (C) Microsoft Corporation. All rights reserved.
```

```
Scans the integrity of all protected system files and replaces incorrect versions with  
correct Microsoft versions.
```

```
SFC [/SCANNOW] [/VERIFYONLY] [/SCANFILE=<file>] [/VERIFYFILE=<file>]  
  [/OFFWINDIR=<offline windows directory> /OFFBOOTDIR=<offline boot directory> [/OFFLOGFILE=<log file path>]]
```

```
/SCANNOW      Scans integrity of all protected system files and repairs files with  
              problems when possible.  
/VERIFYONLY   Scans integrity of all protected system files. No repair operation is  
              performed.  
/SCANFILE     Scans integrity of the referenced file, repairs file if problems are  
              identified. Specify full path <file>  
/VERIFYFILE   Verifies the integrity of the file with full path <file>. No repair  
              operation is performed.  
/OFFBOOTDIR   For offline repair, specify the location of the offline boot directory  
/OFFWINDIR    For offline repair, specify the location of the offline windows directory  
/OFFLOGFILE   For offline repair, optionally enable logging by specifying a log file path
```

e.g.

```
sfc /SCANNOW  
sfc /VERIFYFILE=c:\windows\system32\kernel32.dll  
sfc /SCANFILE=d:\windows\system32\kernel32.dll /OFFBOOTDIR=d:\ /OFFWINDIR=d:\windows  
sfc /SCANFILE=d:\windows\system32\kernel32.dll /OFFBOOTDIR=d:\ /OFFWINDIR=d:\windows /OFFLOGFILE=c:\log.txt  
sfc /VERIFYONLY
```

```
C:\WINDOWS\system32>
```

Administrator: Command Prompt

```
/SCANNOW           Scans integrity of all protected system files and repairs files with
                   problems when possible.
/VERIFYONLY       Scans integrity of all protected system files. No repair operation is
                   performed.
/SCANFILE         Scans integrity of the referenced file, repairs file if problems are
                   identified. Specify full path <file>
/VERIFYFILE       Verifies the integrity of the file with full path <file>. No repair
                   operation is performed.
/OFFBOOTDIR       For offline repair, specify the location of the offline boot directory
/OFFWINDIR        For offline repair, specify the location of the offline windows directory
/OFFLOGFILE       For offline repair, optionally enable logging by specifying a log file path
```

e.g.

```
sfc /SCANNOW
sfc /VERIFYFILE=c:\windows\system32\kernel32.dll
sfc /SCANFILE=d:\windows\system32\kernel32.dll /OFFBOOTDIR=d:\ /OFFWINDIR=d:\windows
sfc /SCANFILE=d:\windows\system32\kernel32.dll /OFFBOOTDIR=d:\ /OFFWINDIR=d:\windows /OFFLOGFILE=c:\log.txt
sfc /VERIFYONLY
```

```
C:\WINDOWS\system32>sfc /VERIFYONLY
```

Beginning system scan. This process will take some time.

Beginning verification phase of system scan.

Verification 100% complete.

Windows Resource Protection found integrity violations.

For online repairs, details are included in the CBS log file located at  
windir\Log\CBS\CBS.log. For example C:\Windows\Log\CBS\CBS.log. For offline  
repairs, details are included in the log file provided by the /OFFLOGFILE flag.

```
C:\WINDOWS\system32>
```

```

2020-07-28 13:08:06, Info      CSI  00000094 CSIPERF - FilePI Queue 168ms
2020-07-28 13:08:06, Info      CSI  00000095 CSIPERF - FilePI Queue 164ms
2020-07-28 13:08:07, Info      CSI  00000096 CSIPERF - FilePI Queue 201ms
2020-07-28 13:08:07, Info      CSI  00000097 CSIPERF - FilePI Queue 150ms
2020-07-28 13:08:07, Info      CSI  00000098 CSIPERF - FilePI Queue 205ms
2020-07-28 13:08:08, Info      CSI  00000099 CSIPERF - FilePI Queue 150ms
2020-07-28 13:08:08, Info      CSI  0000009a CSIPERF - FilePI Queue 273ms
2020-07-28 13:08:08, Info      CSI  0000009b Warning: Overlap: Directory \\?\C:\WINDOWS\System32\drivers\en-US\ is owned twice or has its security set twice
Original owner: Microsoft-Windows-Foundation-Default-Security.Resources, version 10.0.18362.1, arch amd64, culture [1:5]'en-US', nonSxS, pkt [1:8 b:31bf3856ad364e35]
New owner: Microsoft-Windows-Foundation-Default-Security.Resources, version 10.0.18362.1, arch amd64, culture [1:5]'en-US', nonSxS, pkt [1:8 b:31bf3856ad364e35]
2020-07-28 13:08:08, Info      CSI  0000009c Warning: Overlap: Directory \\?\C:\WINDOWS\System32\wbem\en-US\ is owned twice or has its security set twice
Original owner: Microsoft-Windows-Foundation-Default-Security.Resources, version 10.0.18362.1, arch amd64, culture [1:5]'en-US', nonSxS, pkt [1:8 b:31bf3856ad364e35]
New owner: Microsoft-Windows-Foundation-Default-Security.Resources, version 10.0.18362.1, arch amd64, culture [1:5]'en-US', nonSxS, pkt [1:8 b:31bf3856ad364e35]
2020-07-28 13:08:08, Info      CSI  0000009d Warning: Overlap: Directory \\?\C:\WINDOWS\help\mui\0409\ is owned twice or has its security set twice
Original owner: Microsoft-Windows-Foundation-Default-Security.Resources, version 10.0.18362.1, arch amd64, culture [1:5]'en-US', nonSxS, pkt [1:8 b:31bf3856ad364e35]
New owner: Microsoft-Windows-Foundation-Default-Security.Resources, version 10.0.18362.1, arch amd64, culture [1:5]'en-US', nonSxS, pkt [1:8 b:31bf3856ad364e35]
2020-07-28 13:08:08, Info      CSI  0000009e [SR] Verify complete
2020-07-28 13:08:08, Info      CSI  0000009f [SR] Verifying 100 components
2020-07-28 13:08:08, Info      CSI  000000a0 [SR] Beginning Verify and Repair transaction

```

# Component-Based Servicing

Administrator: Command Prompt

Microsoft Windows [Version 10.0.18363.997]  
(c) 2019 Microsoft Corporation. All rights reserved.

C:\WINDOWS\system32>sfc /SCANNOW

Beginning system scan. This process will take some time.

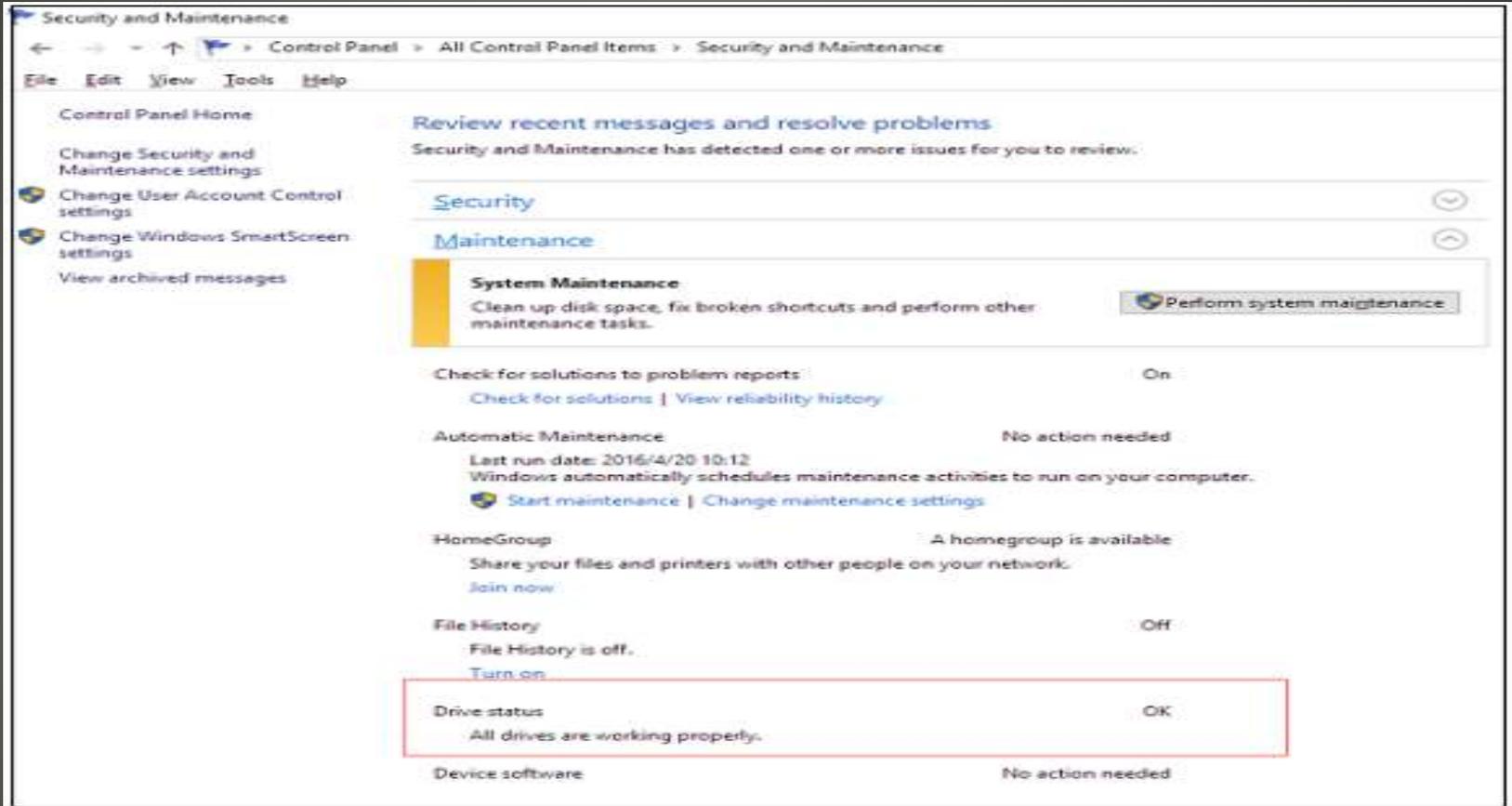
Beginning verification phase of system scan.

Verification 100% complete.

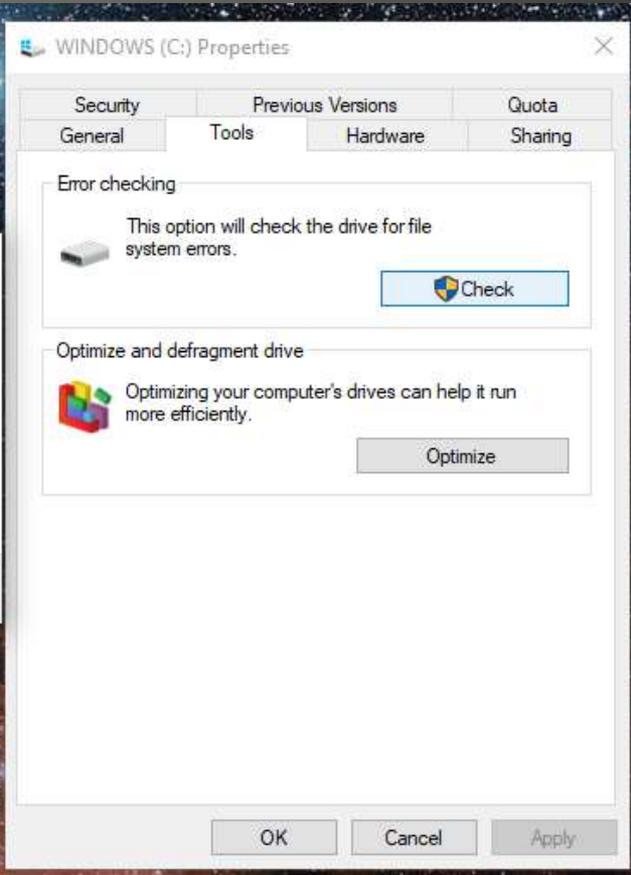
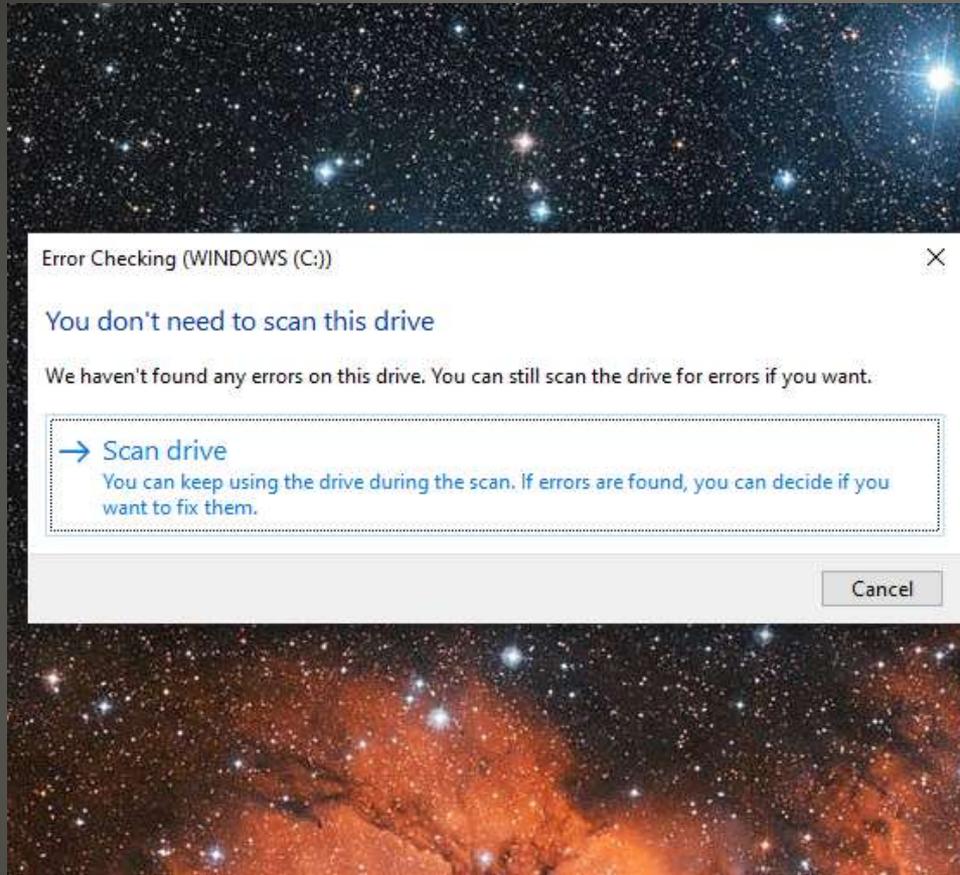
Windows Resource Protection found corrupt files and successfully repaired them.  
For online repairs, details are included in the CBS log file located at  
windir\Logs\CBS\CBS.log. For example C:\Windows\Logs\CBS\CBS.log. For offline  
repairs, details are included in the log file provided by the /OFFLOGFILE flag.

C:\WINDOWS\system32>

```
2020-07-28 14:00:34, Info      CSI  0000025c [SR] Beginning Verify and Repair transaction
2020-07-28 14:00:36, Info      CSI  0000025d [SR] Verify complete
2020-07-28 14:00:36, Info      CSI  0000025e [SR] Verifying 100 components
2020-07-28 14:00:36, Info      CSI  0000025f [SR] Beginning Verify and Repair transaction
2020-07-28 14:00:37, Info      CSI  00000260 [SR] Verify complete
2020-07-28 14:00:38, Info      CSI  00000261 [SR] Verifying 100 components
2020-07-28 14:00:38, Info      CSI  00000262 [SR] Beginning Verify and Repair transaction
2020-07-28 14:00:39, Info      CSI  00000263 CSIPERF - FilePI Queue 115ms
2020-07-28 14:00:39, Info      CSI  00000264 CSIPERF - FilePI Queue 130ms
2020-07-28 14:00:39, Info      CSI  00000265 [SR] Verify complete
2020-07-28 14:00:40, Info      CSI  00000266 [SR] Verifying 100 components
2020-07-28 14:00:40, Info      CSI  00000267 [SR] Beginning Verify and Repair transaction
2020-07-28 14:00:41, Info      CSI  00000268 CSIPERF - FilePI Queue 104ms
2020-07-28 14:00:41, Info      CSI  00000269 [SR] Verify complete
2020-07-28 14:00:42, Info      CSI  0000026a [SR] Verifying 100 components
2020-07-28 14:00:42, Info      CSI  0000026b [SR] Beginning Verify and Repair transaction
2020-07-28 14:00:43, Info      CSI  0000026c CSIPERF - FilePI Queue 157ms
2020-07-28 14:00:44, Info      CSI  0000026d [SR] Verify complete
2020-07-28 14:00:44, Info      CSI  0000026e [SR] Verifying 100 components
2020-07-28 14:00:44, Info      CSI  0000026f [SR] Beginning Verify and Repair transaction
2020-07-28 14:00:46, Info      CSI  00000270 CSIPERF - FilePI Queue 414ms
2020-07-28 14:00:46, Info      CSI  00000271 [SR] Verify complete
2020-07-28 14:00:46, Info      CSI  00000272 [SR] Verifying 100 components
2020-07-28 14:00:46, Info      CSI  00000273 [SR] Beginning Verify and Repair transaction
2020-07-28 14:00:48, Info      CSI  00000274 CSIPERF - FilePI Queue 142ms
2020-07-28 14:00:48, Info      CSI  00000275 [SR] Verify complete
2020-07-28 14:00:49, Info      CSI  00000276 [SR] Verifying 100 components
2020-07-28 14:00:49, Info      CSI  00000277 [SR] Beginning Verify and Repair transaction
2020-07-28 14:00:50, Info      CSI  00000278 CSIPERF - FilePI Queue 109ms
2020-07-28 14:00:51, Info      CSI  00000279 CSIPERF - FilePI Queue 123ms
2020-07-28 14:00:51, Info      CSI  0000027a [SR] Verify complete
2020-07-28 14:00:51, Info      CSI  0000027b [SR] Verifying 33 components
2020-07-28 14:00:51, Info      CSI  0000027c [SR] Beginning Verify and Repair transaction
2020-07-28 14:00:52, Info      CSI  0000027d [SR] Verify complete
2020-07-28 14:00:52, Info      CSI  0000027e [SR] Repairing 0 components
2020-07-28 14:00:52, Info      CSI  0000027f [SR] Beginning Verify and Repair transaction
2020-07-28 14:00:52, Info      CSI  00000280 [SR] Repair complete
2020-07-28 14:02:55, Info      CBS  Trusted Installer is shutting down because: SHUTDOWN_REASON_AUTOSTOP
```



**Control Panel > Security & Maintenance**



# Disk Properties

Error Checking (WINDOWS (C:))

Your drive was successfully scanned

Windows successfully scanned the drive. No errors were found.

Close

Show Details

Event Viewer

File Action View Help



- Event Viewer
- Custom V
- Windows
  - Applic
  - Securit
  - Setup
  - System
  - Forwar
- Application
- Subscripti

Application Number of events: 41,162

Filtered: Number of events: 1

Level	Date and Time	Source	Event ID	Task Categ...
Information	7/28/2020 2:51:10 PM	Chkdsk	26226	None

Event 26226, Chkdsk

General Details

Chkdsk was executed in scan mode on a volume snapshot.

Checking file system on C:  
Volume label is WINDOWS.

Stage 1: Examining basic file system structure ...

948480 file records processed.	File verification completed.
13429 large file records processed.	0 bad file records processed.

Stage 2: Examining file name linkage ...

1203 reparse records processed.	1201540 index entries processed.	Index verification completed.
---------------------------------	----------------------------------	-------------------------------

1203 reparse records processed.

Stage 3: Examining security descriptors ...

Security descriptor verification completed.	CHKDSK is verifying Usn Journal...
126531 data files processed.	Usn Journal verification completed.
39830232 USN bytes processed.	

Windows has scanned the file system and found no problems.  
No further action is required.

964329471 KB total disk space.  
558008904 KB in 642292 files.  
434904 KB in 126532 indexes.  
1095515 KB in use by the system.  
65536 KB occupied by the log file.  
404790148 KB available on disk.

4096 bytes in each allocation unit.  
241082367 total allocation units on disk.  
101197537 allocation units available on disk.

-----

Stage 1: Examining basic file system structure ...

Log Name: Application  
 Source: Chkdsk  
 Event ID: 26226  
 Level: Information  
 User: N/A  
 OpCode:

Logged: 7/28/2020 2:51:10 PM  
 Task Category: None  
 Keywords: Classic  
 Computer: DESKTOP-VQQR2K

More Information: [Event Log Online Help](#)

Actions

- Application
- Open ...
- Creat...
- Impor...
- Clear ...
- Filter ...
- Clear ...
- Prope...
- Find...
- Save ...
- Attac...
- Save F...
- View
- Refresh
- Help
- Event 2622...
- Event ...
- Attac...
- Copy
- Save S...
- Refresh
- Help

Event Viewer

File Action View Help

- Event Viewer
- Custom V
- Windows
- Applic
- Securit
- Setup
- System
- Forwai
- Applicatio
- Subscripti

Application Number of events: 41,162

Filtered: Number of events: 1

Level	Date and Time	Source	Event ID	Task Categ...
Information	7/28/2020 2:51:10 PM	Chkdsk	26226	None

Event 26226, Chkdsk

General Details

Friendly View  XML View

- + System
- EventData

Checking file system on C: Volume label is WINDOWS. Stage 1: Examining basic file system structure ... 948480 file records processed. File verification completed. 13429 large file records processed, 0 bad file records processed. Stage 2: Examining file name linkage ... 1203 reparse records processed. 1201540 index entries processed. Index verification completed. 1203 reparse records processed. Stage 3: Examining security descriptors ... Security descriptor verification completed. 126531 data files processed. CHKDSK is verifying Usn Journal... 39830232 USN bytes processed. Usn Journal verification completed. Windows has scanned the file system and found no problems. No further action is required. 964329471 KB total disk space. 558008904 KB in 642292 files. 434904 KB in 126532 indexes. 1095515 KB in use by the system. 65536 KB occupied by the log file. 404790148 KB available on disk. 4096 bytes in each allocation unit. 241082367 total allocation units on disk. 101197537 allocation units available on disk. -----

----- Stage 1: Examining basic file system structure ... Stage 2: Examining file name linkage ... Stage 3: Examining security descriptors ...  
00790E00F3B20B00CD3B150000000000A040000A900000000000000000000000000000000

Binary data:

In Words

```
0000: 000E7900 000BB2F3 00153BCD 00000000
0010: 0000040A 000000A9 00000000 00000000
```

In Bytes

```
0000: 00 79 0E 00 F3 B2 0B 00 .y..ó²..
0008: CD 3B 15 00 00 00 00 00 f:.....
0010: 0A 04 00 00 A9 00 00 00 ....@...
0018: 00 00 00 00 00 00 00 00 .....
```

Actions

- Application
- Open ...
- Creat...
- Impor...
- Clear ...
- Filter ...
- Clear ...
- Prope...
- Find...
- Save ...
- Attac...
- Save F...
- View
- Refresh
- Help
- Event 2622...
- Event ...
- Attac...
- Copy
- Save S...
- Refresh
- Help

**Optimize Drives**

You can optimize your drives to help your computer run more efficiently, or analyze them to find out if they need to be optimized. Only drives on or connected to your computer are shown.

Status

Drive	Media type	Last run	Current status
WINDOWS (C:)	Solid state drive	7/7/2020 1:55 AM	Optimization not available
RECOVERY (D:)	Solid state drive	7/7/2020 2:52 AM	Optimization not available
Windows (F:)	Hard disk drive	7/28/2020 7:40 AM	OK (0% fragmented)
Recovery Image (G:)	Hard disk drive	7/28/2020 7:42 AM	OK (0% fragmented)

Analyze Optimize

Scheduled optimization

**On** [Change settings](#)

Drives are being optimized automatically.  
Frequency: Weekly

Close

**WINDOWS (C:) Properties**

Security Previous Versions Quota  
General Tools Hardware Sharing

Error checking

This option will check the drive for file system errors.

Check

Optimize and defragment drive

Optimizing your computer's drives can help it run more efficiently.

Optimize

OK Cancel Apply

# Hard drive or SSD

- More information
- Computer Club Wiki

The screenshot shows the website for the Computer Club. On the left is a vertical navigation menu with the following items: ALL CLUBS, COMPUTER CLUB (highlighted in orange), ARCHIVES, CLUB ADMINISTRATION, EDUCATION, LAB INFORMATION, LAB MONITORS, SOFTWARE HELP, MEETINGS, MEDIA CONVERSION, MEMBERSHIP, SPECIAL INTEREST GROUPS (SIGS), and a red-bordered button labeled 'CLICK WIKI FOR ONLINE HELP'. The main content area features a 'Computer Club' header, a 'SPECIAL INTEREST GROUPS' dropdown, and a red 'NOTICE' banner with the text 'A NOTICE: Sign up for Reopening of Lab After COVID-19'. Below this is a large heading 'Transitional Guidelines for Reopening' with a sub-link 'Click here to take a virtual tour of our facilities.' A central graphic reads 'Be One of Us in 2020' with a group of people. To the right of the graphic is a welcome message: 'Welcome to the website of the Sun City Texas Computer Club.' Below the welcome message are three orange buttons: 'WIKI', 'CONTACT US', and 'SPECIAL INTEREST GROUPS'. The bottom section lists contact information: 'Phone - Cyber Center: 512-868-8750', 'Lab Hours: Saturday ~ 9 a.m. - noon, Monday through Friday ~ 9 a.m. - 3 p.m.', and 'Help Center Hours: The Help Center is now open each Tuesday from noon to 3 p.m. and each Friday from 9 a.m. to noon.' It also lists resources for members: Computer Lab (Win and Mac), Free WiFi, Training courses (Win, Mac and general), Special Interest Groups (SIGs), Media conversion instruction, Weekly newsletters, Help, Member information, Lab administrators, and Photo editing.

chkdsk

- None of us are as experienced as all of us
- Awareness, Preparedness, Understanding
- Participate
- Topic Suggestions
- Questions: [scccwindows@gmail.com](mailto:scccwindows@gmail.com)

